

REMARKS

This Amendment accompanying a Request For Continued Examination (RCE) is in response to the Office Action dated January 25, 2007, in which claims 1-3, 5-12, 14-17, 19-24, 26, 27, and 29-34 were rejected and claims 4, 13, 18, 25, and 28 were objected to but indicated as being allowable if rewritten in independent form.

With this Amendment, claims 1, 3, 9, and 19 have been amended, claims 2, 4, 12, 13, 18, and 25-28 have been canceled, and new claims 35-44 have been added. Claims 1, 3, 5-11, 14-17, 19-24, and 29-44 are presented for reconsideration and allowance.

Independent claim 1 has been amended to incorporate subject matter contained in dependent claims 2 and 4, and dependent claim 3 has been amended to depend on claim 1 rather than claim 2. With this Amendment, claim 1 is in condition for allowance. Dependent claims 3 and 5-8, which depend from claim 1, are also in condition for allowance.

Claim 9 has been amended to incorporate subject matter contained in dependent claims 12 and 13. Independent claim 9 is now in condition for allowance. Dependent claims 10, 11, and 14-17 also are in condition for allowance.

Independent claim 19 has been amended to incorporate subject matter contained in dependent claim 25. Since claim 25 was indicated as being allowable, claim 19 and dependent claims 20-24 and 29-34 are now in condition for allowance.

New claim 35 is based upon the subject matter contained in original claim 18. In the Office Action of July 24, 2006, original claim 18 was indicated as allowable if rewritten in independent form, and a similar indication of allowability was contained in the Office Action of January 25, 2007. Independent claim 35 and dependent claims 36 and 37 are allowable.

New independent claim 38 is based upon the subject matter contained in original dependent claim 28. Dependent claims 39 and 40 further specify the location of cladding on the portion of the coil that is not positioned between the first and second poles. Claims 38-40 are in condition for allowance.

New independent claim 41 and dependent claims 42-44 are directed to embodiments in which the coil wraps around the main pole rather than around a via. Claim 41 requires that at least one surface of the coil that does not face the main pole have a cladding.

As a result of this Amendment, all of the claims have now been placed in condition for allowance, consistence with the indication of allowability of claims 4, 13, 18, 25, and 28 in both the original Office Action of July 24, 2006 as well as the second Office Action of January 25, 2007. Reconsideration and allowance of claims 1, 3, 5-11, 14-17, 19-24, and 29-45 is requested.


Respectfully submitted,

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